

Supplementary Information

Sensitive and Rapid Determination of Iodine/Calcium Ratio in Carbonate Rock Samples by ICP-MS Based on Solution Cathode Glow Discharge Sampling

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Table S1. Operating conditions of ICP-MS and SCGD reactor

Operating conditions	Parameters
rf power	1550 V
sampling depth	8 mm
cool Ar gas flow rate	18.0 L min ⁻¹
nebulizer Ar gas flow rate	1.0 L min ⁻¹
make up Ar gas flow rate	0.1 L min ⁻¹
discharge current	40 mA
discharge gap	3 mm
sample flow rate	2.5 mL min ⁻¹
heating temperature	80 °C

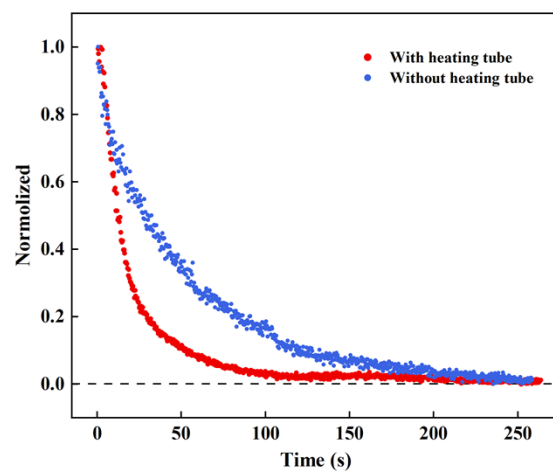


Fig S1. Comparison of cleaning time with/without heating the device.